

Serial No. 09/574,987; Navy Case No. 82408

### CROSS REFERENCE TO RELATED APPLICATION

C1 This application is a division of United States Patent Application Serial Number 09/137,008, filed 20 August 1998 and issued as United States Patent Number 6,143,138 on 7 November 2000.

#### In the Claims:

Please rewrite the claims as follows: (A clean version of the amended claim is provided immediately below. Provided as an attachment to this amendment is a marked-up version of the prior pending claim with all changes shown.)

Please amend the claims as follows:

Cancel claim 14.

CLAIM 31 (amended)

C2 The apparatus of claim 27 in which said polymer is a polymer gel.

Please add the following new claims:

Rule 1.2le  
Sub D2  
C3  
CLAIM 32

An apparatus comprising:

a solution containing anthracene; and

a polyelectrolyte fiber disposed in said solution.

Serial No. 09/574,987; Navy Case No. 82408

CLAIM 35

- 1           The apparatus of claim 34 in which said polyelectrolyte fiber is polyacrylic acid-polyvinyl  
2 alcohol (PAA-PVA).

3 CLAIM 36

- 4           The apparatus of claim 35 in which said anthracene is in its protonated form.

5 CLAIM 37

- 6           An apparatus comprising:  
7           a solution containing anthracene; and  
8           an acrylamide gel disposed in said solution.

CLAIM 38

- 1           The apparatus of claim 37 in which said anthracene is in its protonated form.